What is Claimed is:

1. A process for the preparation of L-lysine, comprising:

a) fermenting an L-lysine producing coryneform bacteria in a culture medium, the bacteria having at least an overexpressed gene encoding 6-phosphogluconate dehydrogenase;

b) concentrating L-lysine produced by said fermenting in the culture medium or in the cells of the bacteria; and

c) isolating the L-lysine produced;

wherein intracellular activity of pyruvate oxidase encoded by a pyruvate oxidase gene is decreased or switched off in the bacteria.

2. The process according to claim 1, wherein an endogenous gene encoding 6-phosphogluconate dehydrogenase is used as the overexpressed gene encoding 6-phosphogluconate dehydrogenase.

3. The process according to claim 1, wherein the overexpressed gene encoding 6-phosphogluconate dehydrogenase is produced by transforming the bacteria with a plasmid vector carrying at least a gene encoding 6-phosphogluconate dehydrogenase and a promoter.

4. The process according to claim 1, wherein the bacteria is a strain of the genus Corynebacterium.

5. A process for the preparation of an L-amino acid, comprising:

a) fermenting an L-amino acid producing coryneform bacteria in a culture medium, the bacteria having at least an overexpressed gnd gene encoding 6-phosphogluconate dehydrogenase;

b) concentrating L-amino acid produced by said fermenting in the culture medium or in the cells of the bacteria; and

d) isolating the L-amino acid produced;

wherein intracellular activity of pyruvate oxidase encoded by a pyruvate oxidase gene is decreased or switched off in the bacteria; and

wherein the L-amino acid is selected from the group consisting of L-threonine, L-isoleucine and L-tryptophan.

6. An L-lysine producing coryneform microorganism having increased intracellular activity of 6-phosphogluconate dehydrogenase and decreased intracellular activity of pyruvate oxidase.

7. The plasmid vector pEC-T18mob2 deposited under the designation DSM 13244 in E. coli K-12 DH5.

8. A coryneform microorganism transformed by introduction of the plasmid vector of claim 7, the coryneform microorganism also having a gene encoding 6-phosphogluconate dehydrogenase.

9. The coryneform microorganism of claim 8, wherein the coryneform microorganism is of the genus Corynebacterium.